BBMP

BRUHAT BANGLORE MAHANAGARA PALIKE

YALAHANKA ZONE, BANGLORE

PRE-MEASUREMENT

Name of work:	Package - 04 includes 7 Works: 1. Improvements to Roads and Drains in BEL Layout, HMT Layout, Rajivagandhi Nagar (NTI), Thindhu and surrounding in ward No. 09, 2. Improvements to Roads and Drains in Thindlu colony, Narasipura layout, Kempegowdnagara and surrounding area in ward No. 09,3. Improvements to Roads and Drains in Muthuraya Swamy layout, Doddabomasandra, Nanjappa layout, Chamundeshwari Layout in Ward No. 10, 4. Improvements to roads and drains at Amruthahalli main road,Improvements to Roads and Drains in Kuvempu Nagara, Singapura, Ramachandrapura and surrounding areas in ward no-11, 5. Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07, 6. Improvements to Roads and drains at bhadrappa layout and balaji layout and surrounding area in ward number - 08, 7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar and surrounding area in ward no. 08.
Estimated Cost :	Rs. 570.00 Lakhs
Job Code/Indent No.	007-19-000106, 008-19-000034, 008-19-000035, 009-19-000030, 010-19-000011, 011-19-000288
Head of Account :	P3111, P3409
Name of Agency:	Sri. B.B. Umesh, Contractor, # 385, Bettaulsur (P), Bangalore North Taluk – 562 157.
Ref:	BMP/EE/BTP/WO/110/2019-20 Dated: 17.10.2019.

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
1	Removing and resetting footpath slab		Pre Measurment rec on-03-08-21						
	W No. 08								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	LHS								
	Road								
	Ch: 0.00 to 30.00 Mts	1	30.00			0.90		27.00	Sqm
	Ch: 30.00 to 50.00 Mts	1	20.00			0.90		18.00	Sqm
	cross road	1	56.00			0.90		50.40	Sqm
								95.40	Sqm

C4PR

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore RMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
2	**Earth work excavation** by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.								
	Drain Desilt Pre measurement rec on 7-4/8/21								
	W No. 08								
	LHS								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	Road								
	Ch: 0.00 to 30.00 Mts	1	30.00			0.60	0.45	8.10	Cum
	Ch: 30.00 to 50.00 Mts	1	20.00			0.60	0.45	5.40	Cum
	W No. 07							14.00	
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	Culverts								
	Kariyanna Layout	1	5.80			2.10	1.20	14.6	Cum
		1	6.10			2.10	1.20	15.4	Cum
		1	5.90			2.10	1.20	14.9	Cum
		1	5.50			2.10	1.20	13.9	Cum
		1	5.50			2.10	1.20	13.9	Cum
		1	6.00			2.10	1.20	15.1	Cum
	New RCC Culverts								
		1	5.00			1.20	0.90	5.40	Cum
		1	6.00			1.20	0.90	6.48	Cum
		1	6.50			1.20	0.90	7.02	Cum
		1	7.00			1.20	0.90	7.56	Cum
		1	6.40			1.20	0.90	6.91	Cum
		1	5.80			1.20	0.90	6.26	Cum
							140.80	127.66	**Cum**

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BBMP, Bangalore

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Upd to 671 cum.

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Kodigehalli Sub Division
BBMP, Bangalore

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Ward No. 07/08

Pre measurment rec on:- 6/8/21

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
3	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406,P No. 155/ Item No. 20.18/ PWD SR 2018-19								
	Pot holes on AK Colony Cross road								
		3	2.10	1.60	1.60	1.60	0.15	1.51	Cum
								1.51	Cum

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
4	KSRRB 500-4: providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity MORTH chapter 5, No. 158/ Item No. 21.6/ PWD SR 2018-19								
	W No. 08 Pre measurment rec on: 6/8/21								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	Road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.70	5.10	5.40		162.00	Sq-m
	Ch: 30.00 to 50.00 Mts	1	20.00	5.10	5.00	5.05		101.00	Sq-m
	Road Cut portion for Amco Layout 1st cross	1	121.00			1.50		181.50	Sq-m
	Road Cut portion for Bhel Layout 2nd cross	1	125.00			1.25		156.25	Sq-m
	Road Cut portion for Bhel Layout 3rd cross	1	123.00			1.25		153.75	Sq-m
	Pot holes on AK Colony Cross road								
	C&R	3	2.55	1.80	1.80	1.80		13.77	Sq-m
					Total Qty			768.27	Sq-m

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Kodigehalli Sub Division
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Ward No. 07/08 Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
5	Providing and laying **bituminous macadam** on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.								
	W No. 08 Pre measurement rec on:- 6/08/21								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	Road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.70	5.10	5.40	0.05	8.10	Cum
	Ch: 30.00 to 50.00 Mts	1	20.00	5.10	5.00	5.05	0.05	5.05	Cum
	Road Cut portion for Amco Layout 1st cross	1	121.00			1.50	0.05	9.08	Cum
	Road Cut portion for Bhel Layout 2nd cross	1	125.00			1.25	0.05	7.81	Cum
	Road Cut portion for Bhel Layout 3rd cross	1	123.00			1.25	0.05	7.69	Cum
	Pot holes on AK Colony Cross road	3	2.55	1.80	1.80	1.80	0.05	0.69	Cum
					Total Qty			38.41	Cum

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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Ward No. 07/08

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
6	KSRRB 500-9: providing and applying tack coat on granular base such as WBM and WMM surfaces hot bitumen primed at 10 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specifications 5, No.158/ Item No. 21.9/ PWD SR 2018-19								
	W No. 08 premeasurment rec on: 9/08/21								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	Road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.70	5.10	5.40		162.00	Sq-m
	Ch: 30.00 to 50.00 Mts	1	20.00	5.10	5.00	5.05		101.00	Sq-m
	Pot holes	2	1.90	1.40	1.55	1.48		5.61	Sq-m
								268.61	Sq-m

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Ward No. 07/08

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
12	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200 m (within average thickness of 15 cms), No. 270 Item No. 37.51 PWD SR 2018-19								
	W No. 07 pre measurment rec on: 9/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	3.30	3.50	3.40		102.00	Cum
	Ch: 30.00 to 40.50 Mts	1	14.50	3.50	4.20	3.85		55.83	Cum
	1st sub cross road								
	Ch: 0.00 to 7.00 Mts	1	7.00	3.50	3.40	3.45		24.15	Cum
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	2.50	2.50	2.50		75.00	Cum
	Ch: 30.00 to 55.00 Mts	1	25.00	2.50	2.70	2.60		65.00	Cum
	road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.00	5.20	5.10		153.00	Cum
	Ch: 30.00 to 65.00 Mts	1	35.00	5.20	5.10	5.15		180.25	Cum
		1	30.00	6.00	6.00	6.00		180.00	Cum
		1	14.00	5.50	6.00	5.75		80.50	Cum
					Total Qty			**915.73**	**Cum**

c4 PR

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Assistant Engineer
Ward No. 08

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Qty ctd to 402-25

Assistant Executive Engineer
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Sl No	Description of Item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
13	KSRRB M300-59.2: loosening, leveling and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in table 300-2 for embankment construction, complete as per specifications, case-II: compacting original ground supporting embankment, (which includes watering charges & compaction by vibratory roller) MORTH specification No. 3.5.3.4 Page No. 146. Item No. 19.66/ PWD SR 2018-19								
	W No. 07 Pre measurment rec on:- 9/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	3.30	3.50	3.40		102.00	Sq-m
	Ch: 30.00 to 40.50 Mts	1	14.50	3.50	4.20	3.85		55.83	Sq-m
	1st sub cross road								
	Ch: 0.00 to 7.00 Mts	1	7.00	3.50	3.40	3.45		24.15	Sq-m
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	2.50	2.50	2.50		75.00	Sq-m
	Ch: 30.00 to 55.00 Mts	1	25.00	2.50	2.70	2.60		65.00	Sq-m
	road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.00	5.20	5.10		153.00	Sq-m
	Ch: 30.00 to 65.00 Mts	1	35.00	5.20	5.10	5.15		180.25	Sq-m
	Cross road	2	30.00	5.20	5.10	5.15		309.00	Sq-m
		Total Qty						**964.23**	**Sq-m**

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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
8	ksrrb m300 - 54 Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requiremnet of table 300-2 complete as per specification which includes watering charges and compaction by vibratory roller. morth specification no 305. 19.61 page no 147								
	W No. 07 Pre measurment rec on: 10/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	3.30	3.50	3.40	0.45	45.90	Cu-m
	Ch: 30.00 to 40.50 Mts	1	15.00	3.50	4.20	3.85	0.45	25.99	Cu-m
	1st sub cross road								
	Ch: 0.00 to 7.00 Mts	1	7.00	3.50	3.40	3.45	0.45	10.87	Cu-m
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	2.50	2.60	2.55	0.45	34.43	Cu-m
	Ch: 30.00 to 55.00 Mts	1	25.00	2.50	2.70	2.60	0.45	29.25	Cu-m
	road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.00	5.20	5.10	0.45	68.85	Cu-m
	Ch: 30.00 to 65.00 Mts	1	35.00	5.20	5.10	5.15	0.45	81.11	Cu-m
								296.39	Cu-m
					Total Qty			**293.17**	**Cu-m**

Assistant Executive Engineer
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Pre Measurment rec on: 11/8/21

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
E2	Construction of Granular sub-base Grading-V as Sub-base and drainge layer by providing coarse graded crushed stone aggregate of granite/trap/basalt material, mixing in mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor graded on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. P No. 153/ Item No. 20.5/ PWD SR 2018-19								
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	2.50	2.60	2.55	0.15	11.48	Cum
	Ch: 30.00 to 55.00 Mts	1	25.00	2.50	2.70	2.60	0.15	9.75	Cum
								21.23	Cum

Assistant Executive Engineer
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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
14	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 13/ Item No. 4.3/ PWD SR 2018-19								
	W No. 07 Pre measurement rec on: 16/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	3.30	3.50	3.40	0.10	10.20	Cum
	Ch: 30.00 to 40.50 Mts	1	14.50	3.50	4.20	3.85	0.10	5.58	Cum
	1st sub cross road								
	Ch: 0.00 to 7.00 Mts	1	7.00	3.50	3.40	3.45	0.10	2.42	Cum
	1st cross road, Sonnappa Layout								
	Ch: 0.00 to 30.00 Mts	1	30.00	2.50	2.50	2.50	0.10	7.50	Cum
	Ch: 30.00 to 55.00 Mts	1	25.00	2.50	2.70	2.60	0.10	6.50	Cum
	road								
	Ch: 0.00 to 30.00 Mts	1	30.00	5.00	5.20	5.10	0.10	15.30	Cum
	Ch: 30.00 to 65.00 Mts	1	35.00	5.20	5.10	5.15	0.10	18.03	Cum
	Culverts								
	Kariyanna Layout								
	Culverts side wall	1	5.80			2.10	0.15	1.83	Cum
		1	6.10			2.10	0.15	1.92	Cum
		1	5.90			2.10	0.15	1.86	Cum
		1	5.50			2.10	0.15	1.73	Cum
		1	5.50			2.10	0.15	1.73	Cum
		1	6.00			2.10	0.15	1.89	Cum
	New RCC Culverts								
		1	5.00			1.20	0.15	0.90	Cum
		1	6.00			1.20	0.15	1.08	Cum
		1	6.50			1.20	0.15	1.17	Cum
		1	7.00			1.20	0.15	1.26	Cum
		1	6.40			1.20	0.15	1.15	Cum
		1	5.80			1.20	0.15	1.04	Cum
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	School Building								
	Left side of building	1	1.65			5.10	0.15	1.26	Cum
	Back side of building	1	1.35			19.50	0.15	3.95	Cum
	Steps	1	17.50			1.20	0.15	3.15	Cum
					Total Qty			**91.45**	**Cu-m**

Assistant Engineer
Ward No. 08

PMC

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
26	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2018-19								
	W No. 07 Pre Measurment rec on : 16/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	Culverts								
	Kariyanna Layout	2	5.80			0.45	0.60	3.13	Cu-m
		2	6.10			0.45	0.60	3.29	Cu-m
		2	5.90			0.50	0.60	3.54	Cu-m
		2	5.50			0.50	0.60	3.30	Cu-m
		2	5.50			0.50	0.60	3.30	Cu-m
		2	6.00			0.50	0.60	3.60	Cu-m
							Total Qty	20.17	Cu-m
							Qty Limited to	20.09	Cu-m

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Sl No	Description of Item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
27	KSRB 15.1.3: Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 115/ Item No. 15.1/ PWD SR 2018-19								
	W No. 07 Pre measurement rec on: 16/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	Culverts								
	Kariyanna Layout	2	5.80				0.60	6.96	Sq-m
		2	6.10				0.60	7.32	Sq-m
		2	5.90				0.60	7.08	Sq-m
		2	5.50				0.60	6.60	Sq-m
		2	5.50				0.60	6.60	Sq-m
		2	6.00				0.60	7.20	Sq-m
		Total Qty						**41.76**	**Sq-m**

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
30	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for RCC beams, columns, roof of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specificationsPWD SR 2016-17, It No.4.13 Pg No.14.								
	New RCC Culverts	Pre measurement rec on; 12/08/21							
	Raft	1	5.00			1.00	0.20	1.00	Cum
		1	6.00			1.00	0.20	1.20	Cum
		1	6.50			1.00	0.20	1.30	Cum
		1	7.00			1.00	0.20	1.40	Cum
		1	6.40			1.00	0.20	1.28	Cum
		1	5.80			1.00	0.20	1.16	Cum
	Side Wall								
		2	5.00			0.55	0.20	1.10	Cum
		2	6.00			0.55	0.20	1.32	Cum
		2	6.50			0.55	0.20	1.43	Cum
		2	7.00			0.55	0.20	1.54	Cum
		2	6.40			0.55	0.20	1.41	Cum
		2	5.80			0.55	0.20	1.28	Cum
								15.41	Cum
								11.83	Cum

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

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Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Ward No. 07/08

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
32	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening. Cutting, bending, hooking placing in position, lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoining member wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specification for TMT Bars Fe 500 (PWD SR 2016-17 item No. 4.46.2, p. No. 18).								
	Culvert 1 Pre measurment rec on : 16/08/21								
	Inner Bar								
	12 mm Dia Main Bars	33	1.94	0.89				56.91	Kgs
	10 mm Dia Distribution Bars	13	5.00	0.62				40.12	Kgs
	Outer Bar								
	12 mm Dia Main Bars	33	2.26	0.89				66.29	Kgs
	10 mm Dia Distribution Bars	15	5.00	0.62				46.30	Kgs
	Culvert 2								
	Inner Bar								
	12 mm Dia Main Bars	40	1.94	0.89				68.98	Kgs
	10 mm Dia Distribution Bars	13	6.00	0.62				48.15	Kgs
	Outer Bar								
	12 mm Dia Main Bars	40	2.26	0.89				80.36	Kgs
	10 mm Dia Distribution Bars	15	6.00	0.62				55.56	Kgs
	Culvert 3								
	Inner Bar								
	12 mm Dia Main Bars	65	1.94	0.89				112.09	Kgs
	10 mm Dia Distribution Bars	19	6.50	0.62				76.23	Kgs
	Outer Bar								
	12 mm Dia Main Bars	65	2.26	0.89				130.58	Kgs
	10 mm Dia Distribution Bars	23	6.50	0.62				92.28	Kgs
	Culvert 4								
	Inner Bar								
	12 mm Dia Main Bars	70	1.94	0.89				120.71	Kgs
	10 mm Dia Distribution Bars	19	7.00	0.62				82.10	Kgs
	Outer Bar								
	12 mm Dia Main Bars	70	2.26	0.89				140.62	Kgs
	10 mm Dia Distribution Bars	23	7.00	0.62				99.38	Kgs
	Culvert 5								
	Inner Bar								
	12 mm Dia Main Bars	64	1.94	0.89				110.36	Kgs
	10 mm Dia Distribution Bars	19	6.40	0.62				75.06	Kgs
	Outer Bar								
	12 mm Dia Main Bars	64	2.26	0.89				128.57	Kgs
	10 mm Dia Distribution Bars	23	6.40	0.62				90.86	Kgs
	Culvert 6								
	Inner Bar								
	12 mm Dia Main Bars	58	1.94	0.89				100.02	Kgs
	10 mm Dia Distribution Bars	19	5.80	0.62				68.02	Kgs
	Outer Bar								
	12 mm Dia Main Bars	58	2.26	0.89				116.52	Kgs
	10 mm Dia Distribution Bars	15	5.80	0.62				53.70	Kgs
								2059.78	Kgs
								2.06	Tn

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
34	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.30, Pg No.16								
	Deck Slab For Drain pre measurment rec on 5.16/08/24								
	LHS	1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
	RHS	1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	15.00				0.60	9.00	Sq-m
		1	10.00				0.60	6.00	Sq-m
								222.00	Sq-m

Assistant Executive Engineer
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BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
35	Providing and removing Centering & Shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/rectangular / polygon in plan including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.32, Pg No.16								
	W No. 07 pre measurment rec on : 16/08/21								
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07.								
	Culverts								
	Raft	1	12.00				0.25	3.00	Sq-m
		1	14.00				0.25	3.50	Sq-m
		1	15.00				0.25	3.75	Sq-m
		1	16.00				0.25	4.00	Sq-m
		1	14.80				0.25	3.70	Sq-m
		1	13.60				0.25	3.40	Sq-m
	Side Wall								
		4	5.00				0.60	12.00	Sq-m
		4	6.00				0.60	14.40	Sq-m
		4	6.50				0.60	15.60	Sq-m
		4	7.00				0.60	16.80	Sq-m
		4	6.40				0.60	15.36	Sq-m
		4	5.80				0.60	13.92	Sq-m
	Deck Slab								
		1	5.00				0.60	3.00	Sq-m
		1	6.00				0.60	3.60	Sq-m
		1	6.50				0.60	3.90	Sq-m
		1	7.00				0.60	4.20	Sq-m
		1	6.40				0.60	3.84	Sq-m
		1	5.80				0.60	3.48	Sq-m
	Deck Slab For Drain	1	60.00				0.60	36.00	Sq-m
		Total Qty						167.45	Sq-m

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Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
			m	m	m	m	m		
38	Providing and constructing Burnt Brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (Table moulded) with cement mortar 1:6 masonry for basement and super structure including cost of materials, labour charges, scaffolding, curing complete as per specifications.PWD SR 2016-17, It No.6.6 Pg No.29								
	W No. 08 Pre Measurment recorded: 16/08/21								
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.								
	School Building								
	Short wall	2	5.10				1.30	13.26	Sq-m
	Stair case left side portion	1	5.10				1.30	6.63	Sq-m
			Total Qty					**19.89**	**Sq-m**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Byatarayanapura Sub Division
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Package - 04 includes 7 Works: 1. Improvements to Roads and Drains in BEL Layout, HMT Layout, Rajivagandhi Nagar (NTI), Thindhu and surrounding in ward No. 09, 2. Improvements to Roads and Drains in Thindlu colony, Narasipura layout, Kempegowdnagara and surrounding area in ward No. 09,3. Improvements to Roads and Drains in Muthuraya Swamy layout, Doddabomasandra, Nanjappa layout, Chamundeshwari Layout in Ward No. 10, 4. Improvements to roads and drains at Amruthahalli main road,Improvements to Roads and Drains in Kuvempu Nagara, Singapura, Ramachandrapura and surrounding areas in ward no-11, 5. Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07, 6. Improvements to Roads and drains at bhadrappa layout and balaji layout and surrounding area in ward number - 08, 7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar and surrounding area in ward no. 08.

DETAILED MEASURMENT BOOK

5th and Final Bill

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BRUHAT BANGLORE MAHANAGARA PALIKE

YALAHANKA ZONE, BANGLORE

MEASUREMENT SHEET

Name of work:	Package - 04 includes 7 Works: 1. Improvements to Roads and Drains in BEL Layout, HMT Layout, Rajivagandhi Nagar (NTI), Thindhu and surrounding in ward No. 09, 2. Improvements to Roads and Drains in Thindlu colony, Narasipura layout, Kempegowdnagara and surrounding area in ward No. 09,3. Improvements to Roads and Drains in Muthuraya Swamy layout, Doddabomasandra, Nanjappa layout, Chamundeshwari Layout in Ward No. 10, 4. Improvements to roads and drains at Amruthahalli main road,Improvements to Roads and Drains in Kuvempu Nagara, Singapura, Ramachandrapura and surrounding areas in ward no-11, 5. Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07, 6. Improvements to Roads and drains at bhadrappa layout and balaji layout and surrounding area in ward number - 08, 7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar and surrounding area in ward no. 08.
Estimated Cost :	Rs. 570.00 Lakhs
Job Code/Indent No.	007-19-000106, 008-19-000034, 008-19-000035, 009-19-000030, 010-19-000011, 011-19-000288
Head of Account :	P3111, P3409
Name of Agency:	Sri. B.B. Umesh, Contractor, # 385, Bettaulsur (P), Bangalore North Taluk – 562 157.
Ref:	BMP/EE/BTP/WO/110/2019-20 Dated: 17.10.2019.

Date of Recording: 25-10-2021

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
1	**Removing and resetting footpath** slab										
					Quantity Executed in 1st RA Bill			606.60	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			1,634.13	Sq-m		
					Quantity Executed in 4th RA Bill			2,996.90	Sq-m		
					Quantity Executed in 4th RA Bill			137.14	Sq-m		
	Qty vide Pre measurement sheet page no . 1							95.40	Sq-m		
					Total Executed Quantity			5,470.17	Sq-m		
					Deduct paid Qnty in 1st Bill			-606.60	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-1,634.13	Sq-m		
					Deduct paid Qnty in 4th Bill			-2,996.90	Sq-m		
					Deduct paid Qnty in 4th Bill			-137.14	Sq-m		
								-5374.37			
						Qnty to be Paid		95.40	Sq-m	235.97	22,511.54

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
2	**Earth work excavation** by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.										
					Quantity Executed in 1st RA Bill			1,019.94	Cum		
					Quantity Executed in 2nd RA Bill			1,328.33	Cum		
					Quantity Executed in 3rd RA Bill			1,447.53	Cum		
					Quantity Executed in 4th RA Bill			3,016.28	Cum		
					Quantity Executed in 4th RA Bill			1,500.60	Cum		
	Qty vide Pre measurement sheet page no . 2							127.66	Cum		
					Total Executed Quantity			8,440.34	Cum		
					Deduct paid Qnty in 1st Bill			-1,019.94	Cum		
					Deduct paid Qnty in 2nd Bill			-1,328.33	Cum		
					Deduct paid Qnty in 3rd Bill			-1,447.53	Cum		
					Deduct paid Qnty in 4th Bill			-3,016.28	Cum		
					Deduct paid Qnty in 4th Bill			-1,500.60	Cum		
					Present Qnty to be Paid			127.66	Cum		
					Qnty Limited to be Paid			6.71	Cum	155.71	1,044.81

Assistant Engineer
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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
3	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406,P No. 155/ Item No. 20.18/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			1,859.15	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			749.06	Cum		
					Quantity Executed in 4th RA Bill			689.78	Cum		
					Quantity Executed in 4th RA Bill			840.56	Cum		
	Qty vide Pre measurement sheet page no . 3							1.51	Cum		
					Total Executed Quantity			4,140.06	Cum		
					Deduct paid Qnty in 1st Bill			-1,859.15	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-749.06	Cum		
					Deduct paid Qnty in 4th Bill			-689.78	Cum		
					Deduct paid Qnty in 4th Bill			-840.56	Cum		
										.45	3415.00
					Present Qnty to be Paid			1.51	Cum	2,261.56	3,419.39

Assistant Engineer
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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
4	KSRRB 500-4: providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity MORTH chapter 5, No. 158/ Item No. 21.6/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			6,655.30	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			2,286.60	Sq-m		
					Quantity Executed in 4th RA Bill			5,387.16	Sq-m		
					Quantity Executed in 4th RA Bill			3,891.97	Sq-m		
	Qty vide Pre measurement sheet page no . 4 4							768.27	Sq-m		
					Total Executed Quantity			18,989.30	Sq-m		
					Deduct paid Qnty in 1st Bill			-6,655.30	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-2,286.60	Sq-m		
					Deduct paid Qnty in 4th Bill			-5,387.16	Sq-m		
					Deduct paid Qnty in 4th Bill			-3,891.97	Sq-m		
					Present Qnty to be Paid			768.27	Sq-m	38.33	29,447.79

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BBMP, Bangalore

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Ward No. 07/08

Detail-Measurement

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
5	Providing and laying **bituminous macadam** on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.										
					Quantity Executed in 1st RA Bill			332.77	Cu-m		
					Quantity Executed in 2nd RA Bill			0.00	Cu-m		
					Quantity Executed in 3rd RA Bill			114.33	Cu-m		
					Quantity Executed in 4th RA Bill			322.38	Cu-m		
					Quantity Executed in 4th RA Bill			142.08	Cu-m		
	Qty vide Pre measurement sheet page no . 55							38.41	Cu-m		
					Total Executed Quantity			949.97	Cu-m		
					Deduct paid Qnty in 1st Bill			-332.77	Cu-m		
					Deduct paid Qnty in 2nd Bill			0.00	Cu-m		
					Deduct paid Qnty in 3rd Bill			-114.33	Cu-m		
					Deduct paid Qnty in 4th Bill			-322.38	Cu-m		
					Deduct paid Qnty in 4th Bill			-142.08	Cu-m		
											2,58,792.0
					Present Qnty to be Paid			38.41	Cu-m	6,737.63	2,58,815.95

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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
6	Tack Coat:- Providing and applying **tack coat** using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom, complete as per specifications.										
							Quantity Executed in 1st RA Bill	8,809.55	Sq-m		
							Quantity Executed in 2nd RA Bill	0.00	Sq-m		
							Quantity Executed in 3rd RA Bill	7,467.07	Sq-m		
							Quantity Executed in 4th RA Bill	33,210.90	Sq-m		
	Qty vide Pre measurement sheet page no . 6							268.61	Sq-m		
							Total Executed Quantity	49,756.13	Sq-m		
							Deduct paid Qnty in 1st Bill	-8,809.55	Sq-m		
							Deduct paid Qnty in 2nd Bill	0.00	Sq-m		
							Deduct paid Qnty in 3rd Bill	-7,467.07	Sq-m		
							Deduct paid Qnty in 4th Bill	-33,210.90	Sq-m		
							Present Qnty to be Paid	268.61	Sq-m	14.37	3,859.85

Assistant Engineer
Ward No. 08

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Chelavadipura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
7	Providing and laying **bituminous concrete** 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100,										
					Quantity Executed in 1st RA Bill			352.38	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			298.68	Cum		
					Quantity Executed in 4th RA Bill			1,328.44	Cum		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	Road										
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.70	5.10	5.40	0.04	6.48	Cum		
	Ch: 30.00 to 50.00 Mts	1.0	20.00	5.10	5.00	5.05	0.04	4.04	Cum		
	Pot holes	2.0	1.90	1.40	1.55	1.48	0.04	0.22	Cum	10.74	
					Total Executed Quantity			1,990.24	Cum		
					Deduct paid Qnty in 1st Bill			-352.38	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-298.68	Cum		
					Deduct paid Qnty in 4th Bill			-1,328.44	Cum		
					Present Qnty to be Paid			10.74	Cum	10,021.99	1,07,636.00 1,07,678.26

25/10/24

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Tri-Insight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Dasarahalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
8	ksrrb m300 - 54 Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requiremnet of table 300-2 complete as per specification which includes watering charges and compaction by vibratory roller. morth specification no 305. 19.61 page no 147										
				Quantity Executed in 1st RA Bill				0.00	Cu-m		
				Quantity Executed in 2nd RA Bill				483.68	Cu-m		
				Quantity Executed in 3rd RA Bill				0.00	Cu-m		
				Quantity Executed in 4th RA Bill				0.00	Cu-m		
	Qty vide Pre measurement sheet page no . 9							293.17	Cu-m		
					Total Executed Quantity			776.85	Cu-m		
					Deduct paid Qnty in 1st Bill			0.00	Cu-m		
					Deduct paid Qnty in 2nd Bill			-483.68	Cu-m		
					Deduct paid Qnty in 3rd Bill			0.00	Cu-m		
					Deduct paid Qnty in 4th Bill			0.00	Cu-m		
					Present Qnty to be Paid			293.17	Cu-m	113.79	33,360.10

Assistant Engineer
Ward No. 08

Tr. Insight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
9	Providing and laying of **hot applied thermoplastic compound** 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.										
				Quantity Executed in 1st RA Bill				330.10	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				313.04	Sq-m		
				Quantity Executed in 4th RA Bill				1,062.91	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	Road										
	Ch: 0.00 to 30.00 Mts	2.5	30.00			0.10		7.50	Sq-m		
	Ch: 30.00 to 50.00 Mts	2.5	20.00			0.10		5.00	Sq-m		
					Total Executed Quantity			1,718.55	Sq-m		
					Deduct paid Qnty in 1st Bill			-330.10	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-313.04	Sq-m		
					Deduct paid Qnty in 4th Bill			-1,062.91	Sq-m		
					Present Qnty to be Paid			12.50	Sq-m		
					Qnty Limited to be Paid			0.00	Sq-m	513.86	0.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	A x B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording										
10	KSRB 15-17.5 Applying priming coat over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 120/ Item No. 15.59 / PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				342.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
			Present Quantity								
	Painting		2	28.00			0.40	22.40	Sq-m		
			2	26.00			0.40	20.80	Sq-m		
			2	27.00			0.40	21.60	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	29.00			0.40	23.20	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	26.00			0.40	20.80	Sq-m		
			2	22.00			0.40	17.60	Sq-m		
			2	25.00			0.40	20.00	Sq-m		
			2	24.00			0.40	19.20	Sq-m		
			2	23.00			0.40	18.40	Sq-m		
			2	26.00			0.40	20.80	Sq-m		
			2	25.00			0.40	20.00	Sq-m		
			2	20.00			0.40	16.00	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	27.00			0.40	21.60	Sq-m		
			2	26.00			0.40	20.80	Sq-m		
			2	30.00			0.40	24.00	Sq-m		
			2	27.00			0.40	21.60	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	22.00			0.40	17.60	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	27.00			0.40	21.60	Sq-m		
			2	28.00			0.40	22.40	Sq-m		
			2	29.00			0.40	23.20	Sq-m		
			2	25.00			0.40	20.00	Sq-m		
			2	24.00			0.40	19.20	Sq-m		
			2	23.00			0.40	18.40	Sq-m		
			2	20.00			0.40	16.00	Sq-m		
									599.20		
					Total Executed Quantity			941.20	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-342.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid up to 125%			0.00	Sq-m	59.89	0.00
					Present Qnty to be Paid above 125%			599.20	Sq-m	116.19	69,621.05

Assistant Executive Engineer
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BBMP, Bangalore

Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
			in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
	Date of Recording:										
11	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No. 121/ Item No. 15.60.1 / PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				150.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			150.00	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-150.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid up to 125%			0.00	Sq-m	74.26	0.00

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Detail Measurement

Sl No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
12	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200 m (within average thickness of 15 cms), No. 270 Item No. 37.51 PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				652.25	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 7							915.73	Sq-m		
				Total Executed Quantity				1,567.98	Sq-m		
				Deduct paid Qnty in 1st Bill				0.00	Sq-m		
				Deduct paid Qnty in 2nd Bill				-652.25	Sq-m		
				Deduct paid Qnty in 3rd Bill				0.00	Sq-m		
				Deduct paid Qnty in 4th Bill				0.00	Sq-m		
				Present Qnty to be Paid				915.73	Sq-m		
				Qnty Limited to be Paid				402.25	Sq-m	103.01	41,435.77

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
13	KSRRB M300-59.2: loosening, leveling and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in table 300-2 for embankment construction, complete as per specifications, case-II: compacting original ground supporting embankment, (which includes watering charges & compaction by vibratory roller) MORTH specification No. 3.5.3.4 Page No. 146. Item No. 19.66/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			1,612.25	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 13							964.23	Sq-m		
					Total Executed Quantity			2,576.48	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-1,612.25	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			964.23	Sq-m	27.55	26,564.40

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
14	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 13/ Item No. 4.3/ PWD SR 2018-19									
				Quantity Executed in 1st RA Bill				0.00	Cu-m		
				Quantity Executed in 2nd RA Bill				395.62	Cu-m		
				Quantity Executed in 3rd RA Bill				0.00	Cu-m		
				Quantity Executed in 4th RA Bill				0.00	Cu-m		
	Qty vide Pre measurement sheet page no . 11							91.45	Cu-m		
				Total Executed Quantity				487.07	Cu-m		
				Deduct paid Qnty in 1st Bill				0.00	Cu-m		
				Deduct paid Qnty in 2nd Bill				-395.62	Cu-m		
				Deduct paid Qnty in 3rd Bill				0.00	Cu-m		
				Deduct paid Qnty in 4th Bill				0.00	Cu-m		
				Present Qnty to be Paid				91.45	Cu-m		
				Qnty Limited to be Paid				84.63	Cu-m	6,111.18	5,17,189.16

Assistant Engineer
Ward No. 08

Transhelgi Bangalore PMC Infrastructure Pvt. Ltd.

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
15	Constructing un-reienforced palne cemetn conctere for pavements using rate concrete M30 Over a prepared base with OPC course aggregate at 0.69cum fine aggregates at 0.64cum course anf fine aggregate confirming to IS:383:2016 with super plasticizers at 3mte of its confirming IS:9103-2008. Item no22.6 page no-175										
				Quantity Executed in 1st RA Bill				0.00	Cum		
				Quantity Executed in 2nd RA Bill				187.23	Cum		
				Quantity Executed in 3rd RA Bill				0.00	Cum		
				Quantity Executed in 4th RA Bill				0.00	Cum		
	Present Quantity										
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no 07										
	1st cross road, Sonnappa Layout										
	Ch: 0.00 to 30.00 Mts	1.0	30.00	3.30	3.50	3.40	0.10	10.20	Cum		
	Ch: 30.00 to 40.50 Mts	1.0	15.00	3.50	4.20	3.85	0.10	5.78	Cum		
	1st sub cross road								Cum		
	Ch: 0.00 to 7.00 Mts	1.0	7.00	3.50	3.40	3.45	0.10	2.42	Cum		
	1st cross road, Sonnappa Layout								Cum		
	Ch: 0.00 to 30.00 Mts	1.0	30.00	2.50	2.50	2.50	0.10	7.50	Cum		
	Ch: 30.00 to 55.00 Mts	1.0	25.00	2.50	2.70	2.60	0.10	6.50	Cum		
	road								Cum		
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	5.20	5.10	0.10	15.30	Cum		
	Ch: 30.00 to 65.00 Mts	1.0	35.00	5.20	5.10	5.15	0.10	18.03	Cum		
		1.0	30.00	6.00	6.00	6.00	0.10	18.00	Cum		
		1.0	14.00	5.50	6.00	5.75	0.10	8.05	Cum		
								91.77			
					Total Executed Quantity			279.00	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			-187.23	Cum		
					Deduct paid Qnty in 3rd Bill			0.00	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			91.77	Cum		387279
					Qnty Limited to be Paid			65.77	Cum	5,888.38	3,87,249.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
16	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 233/ Item No. 31.3 PWD SR 2015-16										
				Quantity Executed in 1st RA Bill				0.00	M		
				Quantity Executed in 2nd RA Bill				671.00	M		
				Quantity Executed in 3rd RA Bill				0.00	M		
				Quantity Executed in 4th RA Bill				0.00	M		
	Present Quantity										
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07										
	1st cross road, Sonnappa Layout										
	Ch: 0.00 to 30.00 Mts	1.0	30					30.00	M		
		6.0	3.40					20.40	M		
	Ch: 30.00 to 40.50 Mts	1.0	15					14.50	M		
		3.0	3.85					11.55	M		
	1st sub cross road										
	Ch: 0.00 to 7.00 Mts	1.0	7					7.00	M		
		2.0	3.45					6.90	M		
	1st cross road, Sonnappa Layout										
	Ch: 0.00 to 30.00 Mts	1.0	30					30.00	M		
		6.0	2.50					15.00	M		
	Ch: 30.00 to 55.00 Mts	1.0	25					25.00	M		
		5.0	2.60					13.00	M		
	road										
	Ch: 0.00 to 30.00 Mts	1.0	30					30.00	M		
		6.0	5.10					30.60	M		
	Ch: 30.00 to 60.00 Mts	2.0	35					70.00	M		
		6.0	5.15					30.90	M		
									334.85		
				Total Executed Quantity				1,005.85	M		
				Deduct paid Qnty in 1st Bill				0.00	M		
				Deduct paid Qnty in 2nd Bill				-671.00	M		
				Deduct paid Qnty in 3rd Bill				0.00	M		
				Deduct paid Qnty in 4th Bill				0.00	M		
									M		
				Present Qnty to be Paid				334.85	M	153.32	51,339.20

25/10/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
17	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 171/ Item No. 22.7/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			1,612.25	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Present Quantity										
	Name of work:Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07										
	1st cross road, Sonnappa Layout										
	Ch: 0.00 to 30.00 Mts	1.0	30.00	3.30	3.50	3.40		102.00	Sq-m		
	Ch: 30.00 to 40.50 Mts	1.0	15.00	3.50	4.20	3.85		57.75	Sq-m		
	1st sub cross road								Sq-m		
	Ch: 0.00 to 7.00 Mts	1.0	7.00	3.50	3.40	3.45		24.15	Sq-m		
	1st cross road, Sonnappa Layout										
	Ch: 0.00 to 30.00 Mts	1.0	30.00	2.50	2.50	2.50		75.00	Sq-m		
	Ch: 30.00 to 55.00 Mts	1.0	25.00	2.50	2.70	2.60		65.00	Sq-m		
	road										
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	5.20	5.10		153.00	Sq-m		
	Ch: 30.00 to 65.00 Mts	1.0	35.00	5.20	5.10	5.15		180.25	Sq-m		
		1.0	30.00	6.00	6.00	6.00		180.00	Sq-m		
		1.0	14.00	5.50	6.00	5.75		80.50	Sq-m		
								917.65			
					Total Executed Quantity			2,529.90	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-1,612.25	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			917.65	Sq-m	81.45	74,742.59

25/10/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
18	KSRRB 300-51: making 50mm x 50mm furrows at 450 to the centre line of the road and at one meters interval in the existing thin bituminous wearing course including sweeping, taking out old materials, stacking the debris within a lead of 100 meters cost of all labour charges complete as per specifications. MORTH chapter 3, No. 146/ Item No. 19.57/ PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			0.00	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	5.99	0.00

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore BMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Ward No. 07/08

Detail-Measurement

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
19	RCC Covering slabs for culverts Data rate:5111rs/Piece)										
					Quantity Executed in 1st RA Bill			0.00	No's		
					Quantity Executed in 2nd RA Bill			0.00	No's		
					Quantity Executed in 3rd RA Bill			0.00	No's		
					Quantity Executed in 4th RA Bill			0.00	No's		
	Culverts		Present Quantity								
	Kariyanna Layout	1.00	5.80				/0.45	12.89	No's		
		1.00	6.10				/0.45	13.56	No's		
		1.00	5.90				/0.45	13.11	No's		
		1.00	5.50				/0.45	12.22	No's		
		1.00	5.50				/0.45	12.22	No's		
		1.00	6.00				/0.45	13.33	No's		
					Total Executed Quantity			77.33	No's		
					Deduct paid Qnty in 1st Bill			0.00	No's		
					Deduct paid Qnty in 2nd Bill			0.00	No's		
					Deduct paid Qnty in 3rd Bill			0.00	No's		
					Deduct paid Qnty in 4th Bill			0.00	No's		
					Present Qnty to be Paid			77.33	No's		
					Qnty Limited to be Paid			72.00	No's	5,775.43	4,15,830.96

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
20	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				450.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			450.00	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-450.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	2,373.00	0.00

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
21	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 14/ Item No. 4.11/ PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Cu-m		
				Quantity Executed in 2nd RA Bill				146.25	Cu-m		
				Quantity Executed in 3rd RA Bill				0.00	Cu-m		
				Quantity Executed in 4th RA Bill				0.00	Cu-m		
	Present Quantity							0.00	Cu-m		
						Total Executed Quantity		146.25	Cu-m		
						Deduct paid Qnty in 1st Bill		0.00	Cu-m		
						Deduct paid Qnty in 2nd Bill		-146.25	Cu-m		
						Deduct paid Qnty in 3rd Bill		0.00	Cu-m		
						Deduct paid Qnty in 4th Bill		0.00	Cu-m		
						Present Qnty to be Paid		0.00	Cu-m	6,778.87	0.00

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
22	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 18/ Item No. 4.46.2/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			0.00	Tn		
					Quantity Executed in 2nd RA Bill			8.78	Tn		
					Quantity Executed in 3rd RA Bill			0.00	Tn		
					Quantity Executed in 4th RA Bill			0.00	Tn		
	Present Quantity							0.00	Tn		
					Total Executed Quantity			8.78	Tn		
					Deduct paid Qnty in 1st Bill			0.00	Tn		
					Deduct paid Qnty in 2nd Bill			-8.78	Tn		
					Deduct paid Qnty in 3rd Bill			0.00	Tn		
					Deduct paid Qnty in 4th Bill			0.00	Tn		
					Present Qnty to be Paid			0.00	Tn	85,003.07	0.00

Assistant Engineer
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Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
23	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				1,222.32	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			1,222.32	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-1,222.32	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	349.76	0.00

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
24	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 27/ Item No. 5.30/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			0.00	Nos		
					Quantity Executed in 2nd RA Bill			1,110.00	Nos		
					Quantity Executed in 3rd RA Bill			0.00	Nos		
					Quantity Executed in 4th RA Bill			0.00	Nos		
	Present Quantity							0.00	Nos		
					Total Executed Quantity			1,110.00	Nos		
					Deduct paid Qnty in 1st Bill			0.00	Nos		
					Deduct paid Qnty in 2nd Bill			-1,110.00	Nos		
					Deduct paid Qnty in 3rd Bill			0.00	Nos		
					Deduct paid Qnty in 4th Bill			0.00	Nos		
					Present Qnty to be Paid			0.00	Nos	488.70	0.00

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
25	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 27/ Item No. 5.31.1/ PWD SR 2018-19 (size: 3x0.45)										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			310.50	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			310.50	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			-310.50	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	945.81	0.00

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore BBMP

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
26	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2018-19										
							Quantity Executed in 1st RA Bill	0.00	Cum		
							Quantity Executed in 2nd RA Bill	0.00	Cum		
							Quantity Executed in 3rd RA Bill	0.00	Cum		
							Quantity Executed in 4th RA Bill	0.00	Cum		
	Qty vide Pre measurement sheet page no . 12							20.09	Cum		
							Total Executed Quantity	20.09	Cum		
							Deduct paid Qnty in 1st Bill	0.00	Cum		
							Deduct paid Qnty in 2nd Bill	0.00	Cum		
							Deduct paid Qnty in 3rd Bill	0.00	Cum		
							Deduct paid Qnty in 4th Bill	0.00	Cum		
							Present Qnty to be Paid	20.09	Cum	5,505.09	1,10,575.24

1105975.00

Assistant Engineer
Ward No. 08

Tri Weight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
27	KSRB 15.1.3: Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 115/ Item No. 15.1/ PWD SR 2018-19										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 13							41.76	Sq-m		
					Total Executed Quantity			41.76	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			41.76	Sq-m	168.37	7,031.13

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanpura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
28	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.PWD SR 2016-17 It No.2.4 Pg. No.6										
				Quantity Executed in 1st RA Bill				0.00	Cu-m		
				Quantity Executed in 2nd RA Bill				0.00	Cu-m		
				Quantity Executed in 3rd RA Bill				332.91	Cu-m		
				Quantity Executed in 4th RA Bill				0.00	Cu-m		
	Present Quantity							0.00	Cu-m		
				Total Executed Quantity				332.91	Cu-m		
				Deduct paid Qnty in 1st Bill				0.00	Cu-m		
				Deduct paid Qnty in 2nd Bill				0.00	Cu-m		
				Deduct paid Qnty in 3rd Bill				-332.91	Cu-m		
				Deduct paid Qnty in 4th Bill				0.00	Cu-m		
				Present Qnty to be Paid				0.00	Cu-m	345.37	0.00

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
29	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.PWD SR 2016-17, It No.4.11 Pg No.14										
				Quantity Executed in 1st RA Bill				0.00	Cum		
				Quantity Executed in 2nd RA Bill				0.00	Cum		
				Quantity Executed in 3rd RA Bill				117.22	Cum		
				Quantity Executed in 4th RA Bill				0.00	Cum		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB										
	School Building										
	Back side of building	1.00	1.35			19.50	0.12	3.16	Cum		
				Total Executed Quantity				120.38	Cum		
				Deduct paid Qnty in 1st Bill				0.00	Cum		
				Deduct paid Qnty in 2nd Bill				0.00	Cum		
				Deduct paid Qnty in 3rd Bill				-117.22	Cum		
				Deduct paid Qnty in 4th Bill				0.00	Cum		
				Present Qnty to be Paid				3.16	Cum		21,424.00
				Qnty Limited to be				2.92	Cum	7,335.82	21,413.26

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
30	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.PWD SR 2016-17, It No.4.11 Pg No.14										
					Quantity Executed in 1st RA Bill			0.00	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			9.27	Cum		
					Quantity Executed in 4th RA Bill			0.00	Cum		
	Qty vide Pre measurement sheet page no . 14							11.83	Cum		
					Total Executed Quantity			21.10	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-9.27	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
											88905-00
					Present Qnty to be Paid			11.83	Cum	7,515.22	88,935.11

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore PMC

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Byatarayanapura Sub Division

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
	Date of Recording:		in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
31	Providing and laying in position Plain Cement Concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. PWD SR 2016-17, It No.4.2, Pg No.-13										
				Quantity Executed in 1st RA Bill				0.00	Cum		
				Quantity Executed in 2nd RA Bill				0.00	Cum		
				Quantity Executed in 3rd RA Bill				19.00	Cum		
				Quantity Executed in 4th RA Bill				0.00	Cum		
	Present Quantity							0.00	Cum		
					Total Executed Quantity			19.00	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-19.00	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			0.00	Cum	6,158.14	0.00

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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
32	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, Cutting, bending, hooking placing in position, lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoining member wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specification for TMT Bars Fe 500 (PWD SR 2016-17 item No. 4.46.2, p. No. 18).									
					Quantity Executed in 1st RA Bill			0.00	Tn		
					Quantity Executed in 2nd RA Bill			0.00	Tn		
					Quantity Executed in 3rd RA Bill			9.68	Tn		
					Quantity Executed in 4th RA Bill			0.00	Tn		
	Qty vide Pre measurement sheet page no . 15							2.06	Tn		
					Total Executed Quantity			11.74	Tn		
					Deduct paid Qnty in 1st Bill			0.00	Tn		
					Deduct paid Qnty in 2nd Bill			0.00	Tn		
					Deduct paid Qnty in 3rd Bill			-9.68	Tn		
					Deduct paid Qnty in 4th Bill			0.00	Tn		
					Present Qnty to be Paid			2.06	Tn	68,403.42	140911.00 1,40,895.84

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
33	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.28, Pg No.16										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				76.98	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
					Total Executed Quantity			76.98	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-76.98	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	281.91	0.00

Assistant Engineer
Ward No. 08

PWC Transheight Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Subramanyapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
34	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.30, Pg No.16										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			88.07	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 16							222.00	Sq-m		
					Total Executed Quantity			310.07	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-88.07	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			222.00	Sq-m		
					Actuals upto 125%			200.74	Sq-m	468.63	94,072.79
					Actuals above 125%			21.26	Sq-m	468.63	9,963.07

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
35	Providing and removing Centering & Shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/rectangular / polygon in plan including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.32, Pg No.16										
							Quantity Executed in 1st RA Bill	0.00	Sq-m		
							Quantity Executed in 2nd RA Bill	0.00	Sq-m		
							Quantity Executed in 3rd RA Bill	124.14	Sq-m		
							Quantity Executed in 4th RA Bill	0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 12							167.45	Sq-m		
							Total Executed Quantity	291.59	Sq-m		
							Deduct paid Qnty in 1st Bill	0.00	Sq-m		
							Deduct paid Qnty in 2nd Bill	0.00	Sq-m		
							Deduct paid Qnty in 3rd Bill	-124.14	Sq-m		
							Deduct paid Qnty in 4th Bill	0.00	Sq-m		
							Present Qnty to be Paid	167.45	Sq-m	446.67	74,794.89

Assistant Engineer
Ward No. 08

Transheight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
36	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for sides ands soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.PWD SR 2016-17, It No. 4.34, Pg No.17										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				267.52	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			267.52	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-267.52	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	312.42	0.00

Assistant Engineer
Ward No. 08

Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
37	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. PWD SR 2016-17, It No. 4.37, Pg No.17										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				8.78	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			8.78	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-8.78	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	329.51	0.00

Assistant Engineer
Ward No. 08

Trishtight Consultants Pvt. Ltd. Bangalore RMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
38	Providing and constructing Burnt Brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (Table moulded) with cement mortar 1:6 masonry for basement and super structure including cost of materials, labour charges, scaffolding, curing complete as per specifications.PWD SR 2016-17, It No.6.6 Pg No.29										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			54.54	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Qty vide Pre measurement sheet page no . 18							19.89	Sq-m		
					Total Executed Quantity			74.43	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			-54.54	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			19.89	Sq-m		
					Qnty Limited to be			10.78	Sq-m	8,158.37	87,947.23

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore PMC

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
39	Providing and constructing granite/trap/basalt Size stone masonry in foundation with cement mortar 1:6 stone hammer dressed in courses not less than 20cms high, bond stones at two mtr apart in each course including cost of materials, labour curing complete as per specifications.PWD SR 2016-17. II No.5.5, Pg No.25										
					Quantity Executed in 1st RA Bill			0.00	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			87.78	Cum		
					Quantity Executed in 4th RA Bill			0.00	Cum		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony,										
	School Building										
	Stage	1.0	4.50			1.50	0.50	3.38	Cum		
	Steps-1	1.0	17.50			1.00	0.30	5.25	Cum		
	Steps-2	1.0	17.50			0.45	0.30	2.36	Cum		
								10.99			
					Total Executed Quantity			98.77	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-87.78	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			10.99	Cum		53702.00
					Qnty Limited to be			10.90	Cum	4,926.75	53,689.26

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Twilight Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
40	Providing and constructing granite/trap/basalt size stone masonry in super structure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two mtr apart in each course including cost of materials, labour, curing complete as per specifications.PWD SR 2016-17. It No.5.12, Pg No.25										
					Quantity Executed in 1st RA Bill			0.00	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			17.33	Cum		
					Quantity Executed in 4th RA Bill			0.00	Cum		
	W No. 08				Present Quantity						
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building	1.0	10.00			0.45	0.60	2.70	Cum		
					Total Executed Quantity			20.03	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			-17.33	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			2.70	Cum		
					Qnty Limited to be			2.60	Cum	6,405.88	16,655.29

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

PMC
Transight Consultants Pvt. Ltd.
Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
41	Construction of partition wall 11.2 cms thick with non-modular ground moulded burnt bricks of class designation 35 with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications.PWD SR 2016-17, It No.6.25, Pg No.31										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			0.00	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	1,017.81	0.00

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
42	b) Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.										
							Quantity Executed in 1st RA Bill	0.00	Sq-m		
							Quantity Executed in 2nd RA Bill	0.00	Sq-m		
							Quantity Executed in 3rd RA Bill	90.27	Sq-m		
							Quantity Executed in 4th RA Bill	0.00	Sq-m		
							Present Quantity				
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony,										
	School Building										
	Top - Parapet Wall										
	Outside wall										
	Long wall	2.00	19.52				1.30	50.75	Sq-m		
	Short wall	2.00	5.10				1.30	13.26	Sq-m		
								63.77			
	Deduction	-2.00	1.20				1.30	-3.12	Sq-m		
								60.89			
							Total Executed Quantity	151.16	Sq-m		
							Deduct paid Qnty in 1st Bill	0.00	Sq-m		
							Deduct paid Qnty in 2nd Bill	0.00	Sq-m		
							Deduct paid Qnty in 3rd Bill	-90.27	Sq-m		
							Deduct paid Qnty in 4th Bill	0.00	Sq-m		
							Present Qnty to be Paid	60.89	Sq-m		
							Qnty Limited to be	53.69	Sq-m	226.99	12,187.09

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
43	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.PWD SR, 2016-17, It No 15.19, Pg No.116										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				178.46	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	Inside Wall-Hall										
	long wall	2.00	19.06				3.45	131.51	Sq-m		
	Short wall	4.00	4.64				3.45	64.03	Sq-m		
	Deductions										
	Door	-2.00	1.20				2.10	-5.04	Sq-m		
	W	-10.00	1.50				1.20	-18.00	Sq-m		
	External Wall										
	long wall	2.00	22.75				3.45	156.98	Sq-m		
	Short wall	2.00	5.10				3.45	35.19	Sq-m		
	Deductions										
	Door	-2.00	1.20				2.10	-5.04	Sq-m		
	W	-10.00	1.50				1.20	-18.00	Sq-m		
	Stage	1.0	4.50				1.50	6.75	Sq-m		
	Steps-1	1.0	17.50				1.00	17.50	Sq-m		
	Steps-2	1.0	17.50				0.45	7.88	Sq-m		
								373.76			
							Total Executed Quantity	552.22	Sq-m		
							Deduct paid Qnty in 1st Bill	0.00	Sq-m		
							Deduct paid Qnty in 2nd Bill	0.00	Sq-m		
							Deduct paid Qnty in 3rd Bill	-178.46	Sq-m		
							Deduct paid Qnty in 4th Bill	0.00	Sq-m		
							Present Qnty to be Paid	373.76	Sq-m		
							Actuals upto 125%	331.19	Sq-m	285.57	94,577.93
							Actuals above 125%	42.57	Sq-m		
							Qnty Limited to be	11.30	Sq-m	285.57	3,226.94

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transweight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
44	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 to Ceiling including rounding off corners wherever required smooth rendering, Provinding and removing scaffolding, including cost of materials, labour, curing complete as per specifications.PWD SR., 2016-17 It No.15.22, Pg No. 116										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				64.43	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	For ceiling										
	Hall	1.00	19.06				4.64	88.44	Sq-m		
	Passage	1.00	19.06				2.10	40.03	Sq-m		
	Staircase										
	FlightsTop	1.00	3.00				1.50	4.50	Sq-m		
	Flights Bottom	1.00	3.00				1.50	4.50	Sq-m		
	Short wall	2.00	5.10				1.30	13.26	Sq-m		
	Stair case left side	1.00	5.10				1.30	6.63	Sq-m		
								157.35			
				Total Executed Quantity				221.78	Sq-m		
				Deduct paid Qnty in 1st Bill				0.00	Sq-m		
				Deduct paid Qnty in 2nd Bill				0.00	Sq-m		
				Deduct paid Qnty in 3rd Bill				-64.43	Sq-m		
				Deduct paid Qnty in 4th Bill				0.00	Sq-m		
				Present Qnty to be Paid				157.35	Sq-m		
					Actuals upto 125%			29.90	Sq-m	217.23	6,495.18
					Actuals above 125%			127.45	Sq-m		
					Qnty Limited to be			116.38	Sq-m	217.23	25,281.23

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
45	Providing and applying two coats with oil bound washable distermper Two Coats of distemper of approved brand and shade on Ceilling & sloped roof including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.PWD SR 2016-17, It No.15.49. Pg No.119										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
				Present Quantity							
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	Inside Wall-Hall										
	long wall	2.00	19.06				3.45	131.51	Sq-m		
	Short wall	3.00	4.64				3.45	48.02	Sq-m		
	Deductions										
	Door	-2.00	1.20				2.10	-5.04	Sq-m		
	W	-10.00	1.50				1.20	-18.00	Sq-m		
	For ceiling										
	Hall	1.00	19.06				4.64	88.44	Sq-m		
	Passage	1.00	19.06				2.10	40.03	Sq-m		
	Staircase										
	FlightsTop	1.00	3.00				1.50	4.50	Sq-m		
	Flights Bottom	1.00	3.00				1.50	4.50	Sq-m		
	Short wall	2.00	5.10				1.30	13.26	Sq-m		
	Stair case left side	1.00	5.10				1.30	6.63	Sq-m		
	Deductions										
	Door	-2.00	1.20				2.10	-5.04	Sq-m		
	W	-10.00	1.50				1.20	-18.00	Sq-m		
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	Inside										
	Hall	1.00	30.30				3.00	90.90	Sq-m		
	Beam sides	1.00	1.00				4.00	4.00	Sq-m		
	Wall	2.00	3.00				2.00	12.00	Sq-m		
	Deductions										
	Door	-1.00	1.00				2.15	-2.15	Sq-m		
	W	-4.00	1.20				1.20	-5.76	Sq-m		
								389.80			
				Total Executed Quantity				389.80	Sq-m		
				Deduct paid Qnty in 1st Bill				0.00	Sq-m		
				Deduct paid Qnty in 2nd Bill				0.00	Sq-m		
				Deduct paid Qnty in 3rd Bill				0.00	Sq-m		
				Deduct paid Qnty in 4th Bill				0.00	Sq-m		
				Present Qnty to be Paid				389.80	Sq-m	86.65	33,776.38

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

PMC

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
46	Providing and finishing external walls in two coats with Water Proof Cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specificationsPWD SR 2016-17, It No.15.53. Pg No.120										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	External Wall										
	long wall	2.00	22.75				3.45	156.98	Sq-m		
	Short wall	3.00	5.10				3.45	52.79	Sq-m		
	Short wall	1.00	3.20				3.45	11.04	Sq-m		
	Staircase										
	Short wall	2.00	5.10				1.30	13.26	Sq-m		
	Stair case left side	1.00	5.10				1.30	6.63	Sq-m		
	Deductions										
	Door	-2.00	1.20				2.10	-5.04	Sq-m		
	W	-10.00	1.50				1.20	-18.00	Sq-m		
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	Out side External Wall	1.0	33.94				5.38	182.60	Sq-m		
	Ground Floor	1.0	33.94				3.15	106.91	Sq-m		
	inside	1.0	33.02				3.00	99.06	Sq-m		
	Deductions										
	Door	-1.0	1.20				2.10	-2.52	Sq-m		
	W	-4.0	1.20				1.20	-5.76	Sq-m		
								597.94			
							Total Executed Quantity	597.94	Sq-m		
							Deduct paid Qnty in 1st Bill	0.00	Sq-m		
							Deduct paid Qnty in 2nd Bill	0.00	Sq-m		
							Deduct paid Qnty in 3rd Bill	0.00	Sq-m		
							Deduct paid Qnty in 4th Bill	0.00	Sq-m		
							Present Qnty to be Paid	597.94	Sq-m		
							Actuals upto 125%	366.73	Sq-m	84.21	30,882.33
							Actuals above 125%	231.21	Sq-m	82.65	19,109.36

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
47	Providing and fixing Vitrified blessed tiles of approved make, quality and colour of size 600 x 600 x 10 mm thick fixed on bed of 12 thick cement mortar for flooring, Skirting and jointed with neat cement slurry mixed with figment to mach shade of tiles, including providing spacers required intervals and removing stains etc. complete as per specification. PWD SR 2016-17, It No14.44Pg.No.109										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			0.00	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	1,304.61	0.00

Assistant Engineer
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Assistant Executive Engineer
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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
48	Providing skirting, dadoing, rises of steps with white glazed tiles on 6mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazedtiles of approved make and size including cost of materials, labour, complete as per specifications. PWD SR 2016-17, It No14.36.4 Pg.No.108										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	Stair case										
	Waist slab	1.00	1.50			2.40		3.60	Sq-m		
	Risers	22.00	1.50				0.15	4.95	Sq-m		
	Treads	21.00	1.50			0.30		9.45	Sq-m		
	Sides	22.00	0.03					0.66	Sq-m		
	Landing sides	2.00	1.50				0.15	0.45	Sq-m		
					Total Executed Quantity			19.11	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			19.11	Sq-m	1,437.63	27,473.11

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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
49	Providing Mathi/Nandi wood frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.PWD SR 2016-17, It No.9.12, Pg. No.53										
				Quantity Executed in 1st RA Bill				0.00	Cum		
				Quantity Executed in 2nd RA Bill				0.00	Cum		
				Quantity Executed in 3rd RA Bill				0.00	Cum		
				Quantity Executed in 4th RA Bill				0.00	Cum		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	D1	1.00	2.10			0.10	0.06	0.01	Cum		
		1.00	1.20			0.10	0.06	0.01	Cum		
	D2	1.00	2.10			0.10	0.06	0.01	Cum		
		1.00	1.20			0.10	0.06	0.01	Cum		
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	D1	1.00	1.20			0.23	0.07	0.02	Cum		
		1.00	2.10			0.23	0.07	0.03	Cum		
					Total Executed Quantity			0.09	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			0.00	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			0.09	Cum	98,598.56	8,768.86

8874.00

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BBMP, Bangalore

Assistant Engineer
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Assistant Executive Engineer
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Kodigehalli Sub Division
BBMP, Bangalore

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l No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
50	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30 mm. thick with bottom and lock rails 180 mm wide top rail and styles 100 mm wide as per drawing and panels of 25 mm thick including cost of materials.PWD SR 2016-17, It No.9.21, Pg. No.54										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	W No. 08 Present Quantity										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	D1	1.00	1.20				2.10	2.52	Sq-m		
	D2	1.00	1.20				2.10	2.52	Sq-m		
	6. Improvements to Roads and drains at bhadrappa layout and Community Hall										
	D1	1.00	1.20				2.10	2.52	Sq-m		
				Total Executed Quantity				7.56	Sq-m		
				Deduct paid Qnty in 1st Bill				0.00	Sq-m		
				Deduct paid Qnty in 2nd Bill				0.00	Sq-m		
				Deduct paid Qnty in 3rd Bill				0.00	Sq-m		
				Deduct paid Qnty in 4th Bill				0.00	Sq-m		
				Present Qnty to be Paid				7.56	Sq-m		
				Qnty Limited to be				5.04	Sq-m	5,053.68	25,470.55

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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
51	Providing and fixing in position in cement concrete 1:3:6 Steel glazed windows and Ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419kg/m both for outer and inner frames and central mullion section of size 25x46x3 mm, weighing 2.28kg/m all duly providing T section 19x19x3 mm weighing 0.839kg/m for glazing of windows, not more than 34 cms, C to C including providing and fixing 4mm, thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S. 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenoneed and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications.PWD SR 2016-17, It No.7.8, Pg No.34										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	W No. 08										
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	Windows	12.0	1.5				1.2	21.60	Sq-m		
					Total Executed Quantity			21.60	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
						Present Qnty to be Paid		21.60	Sq-m		
						Actuals upto 125%		13.50	Sq-m	3,630.69	49,014.32
						Actuals above 125%		8.10	Sq-m	3,563.46	28,864.03

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Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of Item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
52	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c are fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged. (P.No. 43, I.No. 7.39 of PWD SR 2016-17)										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	#REF!			Present Quantity							
	7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar.										
	School Building										
	Hand rail	1.00	10.00				1.00	10.00	Sq-m		
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	Hand rail	1.00	50.00				1.00	50.00	Sq-m		
				Total Executed Quantity				60.00	Sq-m		
				Deduct paid Qnty in 1st Bill				0.00	Sq-m		
				Deduct paid Qnty in 2nd Bill				0.00	Sq-m		
				Deduct paid Qnty in 3rd Bill				0.00	Sq-m		
				Deduct paid Qnty in 4th Bill				0.00	Sq-m		
				Present Qnty to be Paid				60.00	Sq-m		
				Actuals upto 125%				16.79	Sq-m	5,086.50	85,402.34
				Actuals above 125%				43.21	Sq-m	6,972.39	3,01,276.97

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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
E1	KSRRB 300-51: scarifying bituminous course 50mm to 75mm thick along with premix carpet/surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris within a lead of 100 meters including cost of all labour charges, HOM of machineries complete as per specifications. MORTH chapter 3, No. 146/ Item No. 19.56/ PWD SR 2018-19										
					Quantity Executed in 1st RA Bill			5,695.25	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Present Quantity							0.00	Sq-m		
					Total Executed Quantity			5,695.25	Sq-m		
					Deduct paid Qnty in 1st Bill			-5,695.25	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			0.00	Sq-m	46.71	0.00

Assistant Engineer
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Transight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
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BBMP, Bangalore

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
E2	Construction of Granular sub-base Grading-V as Sub-base and drainge layer by providing coarse graded crushed stone aggregate of granite/trap/basalt material, mixing in mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor graded on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. P No. 153/ Item No. 20.5/ PWD SR 2018-19										
							Quantity Executed in 1st RA Bill	310.77	Cu-m		
							Quantity Executed in 2nd RA Bill	0.00	Cu-m		
							Quantity Executed in 3rd RA Bill	0.00	Cu-m		
							Quantity Executed in 4th RA Bill	590.41	Cu-m		
	Qty vide Pre measurement sheet page no . 10							21.23	Cu-m		
							Total Executed Quantity	922.41	Cu-m		
							Deduct paid Qnty in 1st Bill	-310.77	Cu-m		
							Deduct paid Qnty in 2nd Bill	0.00	Cu-m		
							Deduct paid Qnty in 3rd Bill	0.00	Cu-m		
							Deduct paid Qnty in 4th Bill	-590.41	Cu-m		
							Present Qnty to be Paid	21.23	Cu-m	2,254.26	47,858.00 47,846.67

Assistant Engineer
Ward No. 08

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Assistant Executive Engineer
Byatarayanapura Sub Division

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Ward No. 07/08

Detail-Measurement

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs			Rate	Amount
	Date of Recording:										
E3	Providing and fixing M.S Grill work for windows and ventilators using M.S flats or M.S fsquare rods or combination of M.S flat and square rods as per approved deisgn, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materail, fixtures, labour and HOM of machinery complete as per specification. Specification No:KBS 7.12 (P.No:32 Items No:7.9 of PWD SR 2016-17)										
							Quantity Executed in 1st RA Bill	0.00	Kgs		
							Quantity Executed in 2nd RA Bill	0.00	Kgs		
							Quantity Executed in 3rd RA Bill	0.00	Kgs		
							Quantity Executed in 4th RA Bill	0.00	Kgs		
	Present Quantity										
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	Window										
	W	4.00	1.20				1.20	5.76	Kgs		
		10.00	1.50				1.20	18.00	Kgs		
							Total Executed Quantity	23.76	Kgs		
							Deduct paid Qnty in 1st Bill	0.00	Kgs		
							Deduct paid Qnty in 2nd Bill	0.00	Kgs		
							Deduct paid Qnty in 3rd Bill	0.00	Kgs		
							Deduct paid Qnty in 4th Bill	0.00	Kgs		
							Present Qnty to be Paid kgs	237.60	Kgs		
							Qnty Limited to be	222.05	Kgs	1,530.40	3,39,825.32

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Kodigehalli Sub Division
BBMP, Bangalore

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Detail-Measurement

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
E4	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar.using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.P.No. 33, I.No. 7.11.2of PWD SR 2016-17										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	6. Improvements to Roads and drains at bhadrappa layout and balaji layout										
	Community Hall										
	Window	4.00	1.20				1.20	5.76	Sq-m		
	School	10.00	1.50				1.20	18.00	Sq-m		
	Grills	2.00	40.00				1.20	96.00	Sq-m		
					Total Executed Quantity			119.76	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid kgs			119.76	Sq-m	95.19	11,399.95

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Byatarayanapura Sub Division

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Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
E5	Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage. standards & methodology : (P.No. 267, I.No. 38.2 of PWD SR 2016-17)										
				Quantity Executed in 1st RA Bill				0.00	Sq-m		
				Quantity Executed in 2nd RA Bill				0.00	Sq-m		
				Quantity Executed in 3rd RA Bill				0.00	Sq-m		
				Quantity Executed in 4th RA Bill				0.00	Sq-m		
	Present Quantity										
	School Building	1	2.50				2.30	5.75	Sq-m		
					Total Executed Quantity			5.75	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			5.75	Sq-m	5,102.50	29,339.38

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Kodigehalli Sub Division
BBMP, Bangalore

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Detail Measurement

Sl No	Description of item	No	L in Mtrs	B1 in Mtrs	B2 in Mtrs	Av.B in Mtrs	D in Mtrs	Qty		Rate	Amount
	Date of Recording:										
E6	Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage. standards & methodology : (P.No. 267, I.No. 38.2 of PWD SR 2016-17)										
					Quantity Executed in 1st RA Bill			0.00	Sq-m		
					Quantity Executed in 2nd RA Bill			0.00	Sq-m		
					Quantity Executed in 3rd RA Bill			0.00	Sq-m		
					Quantity Executed in 4th RA Bill			0.00	Sq-m		
	Present Quantity										
	Community Hall	1	2.00				1.20	2.40	Sq-m		
					Total Executed Quantity			2.40	Sq-m		
					Deduct paid Qnty in 1st Bill			0.00	Sq-m		
					Deduct paid Qnty in 2nd Bill			0.00	Sq-m		
					Deduct paid Qnty in 3rd Bill			0.00	Sq-m		
					Deduct paid Qnty in 4th Bill			0.00	Sq-m		
					Present Qnty to be Paid			2.40	Sq-m		
						Qnty Limted to be		2.30	Sq-m	854.28	1,964.84

13/10/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Engineer
Ward No. 08

Transight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty		Rate	Amount
			in Mtrs	in Mtrs	in Mtrs	in Mtrs	in Mtrs				
E7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 ems. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9.PWD SR 2016-17. It No.2.10, Pg No.7										
					Quantity Executed in 1st RA Bill			0.00	Cum		
					Quantity Executed in 2nd RA Bill			0.00	Cum		
					Quantity Executed in 3rd RA Bill			0.00	Cum		
					Quantity Executed in 4th RA Bill			0.00	Cum		
	Present Quantity							0.00	Cum		
					Total Executed Quantity			0.00	Cum		
					Deduct paid Qnty in 1st Bill			0.00	Cum		
					Deduct paid Qnty in 2nd Bill			0.00	Cum		
					Deduct paid Qnty in 3rd Bill			0.00	Cum		
					Deduct paid Qnty in 4th Bill			0.00	Cum		
					Present Qnty to be Paid			0.00	Cum	92.75	0.00
										Total	39,32,266.02
										Add 12% GST	4,71,871.92
										Grand Total	44,04,137.94

25/10/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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